

### REMARKS

Applicant thanks the Examiner for the indication that claims 4 and 5 are drawn to allowable subject matter.

The drawing have been objected by the Examiner as failing to comply with 37 CFR §1.84 (p)(5). The Examiner incorrectly indicated that the reference numerals 16 and 26 are shown in the illustrations but are not mentioned in the specification. Applicant respectfully disagrees. Please note page 5, line 8 and line 27 of the original specification, wherein a female type TNC connector 16 and minimum angle of approximately 26 are described. Therefore, the Examiner is respectfully requested to withdraw the objection to the drawings.

Claims 14 to 16 have been objected for being dependent from claim 11 instead of claim 13. In response, the dependency of claims 14 to 16 have been corrected. The Examiner is respectfully requested to withdraw this objection in view of the amendments above.

Claims 3 and 6-12 have been rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Specifically, the Examiner pointed out the phrase in claim 3, "said plurality of offset bent-dipole elements comprise a first section and a second section". The Examiner asserts that this phrase renders the claims indefinite because in the specification and drawings, the second section which is located on the top side of the circuit board dipole subelements are not bent. Responding to this rejection claims 6-12 have been amended. Specifically, the claims have been amended to simply reference "dipole elements".

Claims 1-2, 13-17 have been rejected under 35 U.S.C. §102(b) as being anticipated by Holloway (U.S. Patent No. 6,249,260). This rejection is moot in view of the above amendment.

The Examiner indicated that claims 4 and 5 are drawn to the allowable subject matter. Therefore, claim 4 has been rewritten to be in independent form incorporating the features of claims 1 to 3. Please note that the features of claims 1

to 3 have been corrected in order to overcome the rejection 35 U.S.C. §112, second paragraph, addressed above. In view of the above, that the apparatus claims 4-6 and 17 are now in allowable condition.

Similarly, claims 7 to 12, which are related to a method for tuning an antenna apparatus, are also in allowable condition due to incorporation of allowable features in the claims.

The claims 13 to 16 relate to a method of manufacturing an antenna apparatus, and are also allowable for similar reasons since the independent claim 13 has been amended to incorporate the novel features identified by the Examiner. Specifically, claim 13 as amended presently states, "A method of manufacturing an antenna apparatus comprising the steps of:

creating ~~an~~ a circuit board comprising a dielectric substrate and inductive and capacitive elements are in series with a pair of J shaped elements, ...". (emphasis added)

A number of typographical errors in claim 13 have also been corrected by this amendment. Therefore, currently claims 4 to 17 are active in the application. By the present amendment claims 4, 6 to 11, 13 to 17 have been amended. Applicant believes that all objections and rejections to claims have been addressed by this amendment.

In view of the foregoing, it is respectfully requested that the application be reconsidered, that claims 4 to 17 be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

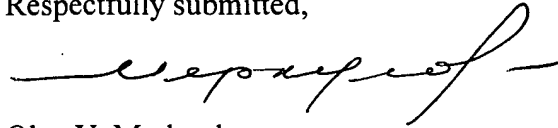
A provisional petition is hereby made for any extension of time necessary for the continued pendency during the life of this application. Please charge any fees for such provisional petition and any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041 (Whitham, Curtis & Christofferson,

Docket: 08570001AA  
Serial No.: 10/724,878

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P.C.).

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'O. Merkoulouva', with a long horizontal flourish extending to the right.

Olga V. Merkoulouva  
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